

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits    | Search Query   | DBs  | Default Operator | Plurals | Time Stamp          |
|-------|---------|--|--|------------------|---------|---------------------|
| S1    | 1472    | 600/585.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/11/30<br>08:47 |
| S2    | 4297939 | 600/585.ccls. and (sleeve coating) near\$2 polymer \$3       | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/11/30<br>08:48 |
| S3    | 1128    | 600/585.ccls. and ((sleeve coating) near\$2 polymer \$3)     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/11/30<br>08:48 |
| S4    | 160     | 600/585.ccls. and ((sleeve coating) near polymer\$3)         | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/11/30<br>10:27 |
| S5    | 133     | 600/585.ccls. and ((sleeve jacket) near polymer\$3)          | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/11/30<br>10:33 |
| S6    | 37      | S5 not S4  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/11/30<br>10:28 |
| S7    | 57      | (helical\$2 and coil) same ((sleeve jacket) near polymer\$3) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/11/30<br>10:34 |
| S8    | 3       | ("4917103" "4922923").<br>pn.                                | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/11/30<br>12:13 |
| S9    | 0       | parins-david.in.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/05/16<br>15:07 |

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| S10 | 62   | US-3174851-\$.DID. OR US-3351463-\$.DID. OR US-3753700-\$.DID. OR US-3789841-\$.DID. OR US-4538622-\$.DID. OR US-4554929-\$.DID. OR US-4619274-\$.DID. OR US-4721117-\$.DID. OR US-4763647-\$.DID. OR US-4846186-\$.DID. OR US-4955862-\$.DID. OR US-4966163-\$.DID. OR US-5129890-\$.DID. OR US-5188621-\$.DID. OR US-5238004-\$.DID. OR US-5267574-\$.DID. OR US-5313967-\$.DID. OR US-5372144-\$.DID. OR US-5406960-\$.DID. OR US-5415178-\$.DID. OR US-5497783-\$.DID. OR US-5606979-\$.DID. OR US-5772609-\$.DID. OR US-5797856-\$.DID. OR US-5830155-\$.DID. OR US-5984878-\$.DID. OR US-6056702-\$.DID. OR US-6296616-\$.DID. OR US-6508803-\$.DID. OR US-3973556-\$.DID. OR US-6042876-\$.DID. | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/30<br>13:12 |
| S11 | 4    | "20030069520"<br>"20030069521"   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/30<br>13:13 |
| S12 | 66   | S10 or S11   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/30<br>13:15 |
| S13 | 39   | parins-david-j.in.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/30<br>14:19 |
| S14 | 8320 | "spot welding" and plastic   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/30<br>14:19 |
| S15 | 1812 | "spot welding" and plastic<br>and (sleeve or jacket)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/30<br>14:19 |
| S16 | 324  | "spot welding" and plastic<br>and (sleeve or jacket) and<br>attach   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/30<br>14:20 |

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| S17 | 63 | "spot welding" and plastic and (sleeve or jacket) and attach and (catheter guidewire "guide wire")   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/30<br>14:29 |
| S18 | 4  | ("5452726" "5333620").<br>pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/30<br>14:30 |
| S19 | 11 | (US-20030069522-\$ or US-20030069521-\$ or US-20030023190-\$ or US-20050054952-\$ or US-20030060757-\$ or US-20010009980-\$ or US-20020049392-\$).did. or (US-5882333-\$ or US-5267574-\$ or US-6612998-\$ or US-6152912-\$).did.  | US-PGPUB;<br>USPAT                                 | OR | ON | 2005/11/30<br>15:35 |
| S20 | 5  | (US-20030069521-\$ or US-20010009980-\$ or US-20020049392-\$).did. or (US-5882333-\$ or US-6152912-\$).did.  | US-PGPUB;<br>USPAT                                 | OR | ON | 2005/11/30<br>15:42 |
| S21 | 57 | ("0243396"   "2211975"  <br>"2437542"   "3174851"  <br>"3351463"   "3416531"  <br>"3753700"   "3757768"  <br>"3924632"   "4425919"  <br>"4430083"   "4484586"  <br>"4516972"   "4657024"  <br>"4676229"   "4682607"  <br>"4721117"   "4737153"  <br>"4739768"   "4806182"  <br>"4817613"   "4832681"  <br>"4899787"   "4981478"  <br>"4985022"   "5019057"  <br>"5037404"   "5057092"  <br>"5069674"   "5176660"  <br>"5178158"   "5180376"  <br>"5184627"   "5217482"  <br>"5222949"   "5248305"  <br>"5254107"   "5295978"  <br>"5313967"   "5334166"  <br>"5397306"   "5443907"  <br>"5454795"   "5554139"  <br>"5702373"   "5951539").<br>PN. OR ("2001/0009980"  <br>"6152912").URPN. | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2006/05/15<br>16:48 |
| S22 | 44 | S21 and @ad<"20030905"   | US-PGPUB;<br>USPAT; USOCR                          | OR | ON | 2006/05/15<br>16:49 |

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|-----|-----|---|---|----|----|---------------------|
| S23 | 130 | ("2687131"   "2936760"  <br>"3225762"   "4289128"  <br>"4468224"   "4597755"  <br>"4662368"   "4705507"  <br>"4748982"   "4762129"  <br>"4771777"   "4798598"  <br>"4820349"   "4824435"  <br>"4838268"   "4846174"  <br>"4877031"   "4881547"  <br>"4896670"   "4906241"  <br>"4917088"   "4921478"  <br>"4928693"   "4940062"  <br>"4943278"   "4944745"  <br>"4946466"   "4953553"  <br>"4976690"   "4976720"  <br>"4988356"   "4994032"  <br>"4998917"   "4998923"  <br>"5032113"   "5034001"  <br>"5035686"   "5035705"  <br>"5040548"   "5042985"  <br>"5047045"   "5057120"  <br>"5061273"   "5102403").<br>PN. OR ("5217482").<br>URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2006/05/15<br>16:53 |
| S24 | 122 | S23 and @ad<"20030905"  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2006/05/15<br>16:53 |
| S25 | 89  | ("1596754"   "2268321"  <br>"2458305"   "3014501"  <br>"3122171"   "3297055"  <br>"3479670"   "3548882"  <br>"3598126"   "3670733"  <br>"3861972"   "3957054"  <br>"4516972"   "4639252"  <br>"4661396"   "4662404"  <br>"4690175"   "4693556"  <br>"4737153"   "4832681"  <br>"4842590"   "4898591"  <br>"4899787"   "4900314"  <br>"4950258"   "4955862"  <br>"4985022").PN. OR<br>("5222949").URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2006/05/15<br>17:14 |
| S26 | 72  | S25 and @ad<"20030905"  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2006/05/15<br>17:14 |
| S27 | 39  | parins-david\$.in.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT                      | OR | ON | 2006/05/16<br>15:07 |
| S28 | 190 | 604/164.13.ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11<br>11:08 |

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| S29 | 179 | 604/164.13.ccls. and<br>@ad<"20030905"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11<br>11:10 |
| S30 | 349 | 604/524.ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11<br>11:10 |
| S31 | 315 | 604/524.ccls. and<br>@ad<"20030905"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/11<br>11:10 |
| S32 | 49  | (US-20050054951-\$ or US-<br>20040059258-\$ or US-<br>20070083132-\$).did. or<br>(US-4494097-\$ or US-<br>4770442-\$ or US-4901773-<br>\$ or US-5867891-\$ or US-<br>5903207-\$ or US-6181230-<br>\$ or US-6219902-\$ or US-<br>4926741-\$ or US-5929550-<br>\$ or US-4437019-\$ or US-<br>4515826-\$ or US-4808958-<br>\$ or US-4859885-\$ or US-<br>4922156-\$ or US-4939465-<br>\$ or US-5365131-\$ or US-<br>5453685-\$ or US-5894177-<br>\$ or US-6078177-\$ or US-<br>6100692-\$ or US-6456069-<br>\$ or US-5902935-\$ or US-<br>4272376-\$ or US-4595204-<br>\$ or US-7097624-\$ or US-<br>4316116-\$).did. or (US-<br>5717273-\$ or US-5027097-<br>\$ or US-5199178-\$ or US-<br>5296810-\$ or US-5406370-<br>\$ or US-4258467-\$ or US-<br>4260925-\$ or US-4307313-<br>\$ or US-4320373-\$ or US-<br>4339739-\$ or US-4390137-<br>\$ or US-4404740-\$ or US-<br>4413162-\$ or US-4415252-<br>\$ or US-4452280-\$ or US-<br>4477792-\$ or US-4506187-<br>\$ or US-4807295-\$ or US-<br>4980663-\$ or US-5228631-<br>\$).did. | US-PGPUB;<br>USPAT  | OR | ON | 2007/05/18<br>09:06 |

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| S33 | 47 | S32 and @ad<"20030905"   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/18<br>09:28 |
| S34 | 2  | S32 and @ad<"20030905"<br>and ("guidewire"<br>"guidewire" catheter)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/18<br>09:29 |
| S35 | 83 | ("20010009980"  <br>"20020049392"  <br>"20020049392"  <br>"20030069520"  <br>"20030069521"  <br>"20030069521"  <br>"3174851"   "3351463"  <br>"3756700"   "3789841"  <br>"3973556"   "4538622"  <br>"4554929"   "4619214"  <br>"4721117"   "4763647"  <br>"4846186"   "4955862"  <br>"4966163"   "5129890"  <br>"5188621"   "5222949"  <br>"5238004"   "5267574"  <br>"5313967"   "5372144"  <br>"5406960"   "5415178"  <br>"5497783"   "5606979"  <br>"5772609"   "5797856"  <br>"5830155"   "5882333"  <br>"5882333"   "5984878"  <br>"6042876"   "6056702"  <br>"6152912"   "6152912"  <br>"6296616"   "6508803"  <br>"6849224").DID. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/18<br>09:48 |
| S36 | 34 | ("3973556"   "4003369"  <br>"4080706"   "4798598"  <br>"4932419"   "5001825"  <br>"5107852"   "5253653"  <br>"5345945"   "5368049"  <br>"5373856"   "5379779"  <br>"5429139"   "5433200"  <br>"5520194"   "5551444"  <br>"5596996"   "5605162"  <br>"5664580"   "5682894"  <br>"5706826"   "5772609"  <br>"5840046"   "5924998"  <br>"5951494"   "5957903"  <br>"5984877"   "6004279"  <br>"6019736"   "6106488"  <br>"6139511"   "6165140"  <br>"6306105"   "6679853").<br>PN. OR ("7097624").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/05/18<br>09:48 |

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| S37 | 73 | (S35 S36)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB                | OR | ON | 2007/05/18<br>09:49 |
| S38 | 69 | (S35 S36) and<br>@ad< "20030905"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB                | OR | ON | 2007/05/18<br>09:49 |
| S39 | 36 | ("3094124"   "3399668"  <br>"4257421"   "4456017"  <br>"4563176"   "4951686"  <br>"5084022"   "5147315").<br>PN. OR ("5379779").<br>URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/05/18<br>09:57 |
| S40 | 29 | ("4966163").PN. OR<br>("5372144").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2007/05/18<br>10:07 |
| S41 | 62 | (S39 S40)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/18<br>10:08 |
| S42 | 56 | (S39 S40) and<br>@ad< "20030905"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/18<br>10:08 |
| S43 | 0  | ("2005/0054950"  <br>"2005/0054951"  <br>"2005/0148901").URPN.  | USPAT   | OR | ON | 2007/05/18<br>10:16 |
| S44 | 7  | ("20030212449"<br>"6312458" "6451050").<br>did.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/28<br>09:39 |
| S45 | 11 | ("20020032408"<br>"6939337" "6063318"<br>"5569221" "5827201"<br>"5827201"<br>"20020091338").DID.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/05/28<br>09:49 |
| S46 | 5  | (US-20050054951-\$ or US-<br>20070083132-\$ or US-<br>20050267444-\$ or US-<br>20050277168-\$).did. or<br>(US-4599605-\$).did.            | US-PGPUB;<br>USPAT  | OR | ON | 2007/10/29<br>09:11 |
| S47 | 5  | ("20030149465"  <br>"20040167442"  <br>"6061595"   "6373024"  <br>"7182735").DID.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB                | OR | ON | 2008/05/16<br>08:09 |

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| S48 | 54       | (<br>"1390596"   "1745180"  <br>"1908859"   "1977846"  <br>"2878461"   "3656092"  <br>"3676575"   "4161952"  <br>"4282885"   "4352714"  <br>"4360031"   "4538623"  <br>"4566467"   "4711027"  <br>"4784161"   "4844099"  <br>"4917106"   "4953564"  <br>"4966565"   "5007435"  <br>"5020545"   "5115818"  <br>"5222506"   "5253653"  <br>"5259395"   "5324312"  <br>"5378855"   "5385578"  <br>"5488768"   "5489294"  <br>"5507787"   "5522872"  <br>"5522874"   "5522875"  <br>"5569883"   "5571146"  <br>"5649974"   "5676694"  <br>"5716390"   "5728149"  <br>"5746616"   "5807144"  <br>"5869804"   "6061595"  <br>"6084179"   "6141593"  <br>"6293594").PN. OR<br>("6061595"   "6373024").<br>URPN. | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/05/16<br>08:12 |
| S49 | 44       | S48 and @ad< "20030905"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/16<br>08:12 |
| S50 | 27242693 | @ad< "20030905"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/16<br>08:20 |
| S51 | 118741   | @ad< "20030905" and<br>("guidewire" "guide wire"<br>catheter intracorporal<br>intravascular)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/16<br>08:21 |
| S52 | 2334     | @ad< "20030905" and<br>("guidewire" "guide wire"<br>catheter intracorporal<br>intravascular) and<br>(polymer with (jacket<br>sleeve sheath))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/16<br>08:22 |



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| S53 | 2062 | @ad< "20030905" and ("guidewire" "guide wire" catheter intracorporal intravascular) and (polymer with (jacket sleeve sheath)) and (attach\$4 bond\$4 weld\$4)                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/16<br>08:22 |
| S54 | 630  | @ad< "20030905" and ("guidewire" "guide wire" catheter intracorporal intravascular) and (polymer with (jacket sleeve sheath)) same (attach\$4 bond\$4 weld\$4)                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/16<br>08:22 |
| S55 | 217  | @ad< "20030905" and ("guidewire" "guide wire" catheter intracorporal intravascular) and (polymer with (jacket sleeve sheath)) with (attach\$4 bond\$4 weld\$4)                    | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/16<br>08:23 |
| S56 | 94   | @ad< "20030905" and ("guidewire" "guide wire" catheter intracorporal intravascular) and (polymer with (jacket sleeve sheath)) with (attach\$4 bond\$4 weld\$4) and coil           | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/16<br>08:23 |
| S57 | 112  | @ad< "20030905" and ("guidewire" "guide wire" catheter intracorporal intravascular) and (polymer with (jacket sleeve sheath)) with (attach\$4 bond\$4 weld\$4) and (coil helical) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/16<br>08:23 |
| S58 | 1263 | @ad< "20030905" and ("guidewire" "guide wire" catheter intracorporal intravascular) and (polymer with (jacket sleeve sheath)) and (attach\$4 bond\$4 weld\$4) and (coil helical)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/16<br>09:20 |
| S59 | 364  | @ad< "20030905" and ("guidewire" "guide wire" catheter intracorporal intravascular) and (polymer with (jacket sleeve sheath)) same (attach\$4 bond\$4 weld\$4) and (coil helical) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/16<br>09:21 |

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| S60 | 135 | @ad< "20030905" and ("guidewire" "guide wire" catheter intracorporal intravascular) and (polymer with (jacket sleeve sheath)) same (attach\$4 bond\$4 weld\$4) same (coil helical)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 09:21 |
| S61 | 90  | @ad< "20030905" and ("guidewire" "guide wire" catheter intracorporal intravascular) and (polymer with (jacket sleeve sheath)) same (attach\$4 bond\$4 weld\$4) same (coil helical) not S57  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/05/16 09:21 |
| S62 | 47  | ("20010009980"   "20020049392"   "20030018318"   "20030149465"   "20040167442"   "3174851"   "3351463"   "3753700"   "3789841"   "4538622"   "4554929"   "4619274"   "4721117"   "4763647"   "4846186"   "4955862"   "4966163"   "5129890"   "5188621"   "5238004"   "5267574"   "5313967"   "5372144"   "5406960"   "5415178"   "5429139"   "5497783"   "5606979"   "5772609"   "5797856"   "5830155"   "5222949"   "5882333"   "5931830"   "6022343"   "6027863"   "6061595"   "6152912"   "6312458"   "6373024"   "6402706"   "6544197"   "6849224"   "7074197"   "7182735"). DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB          | OR | ON | 2008/05/16 10:56 |
| S63 | 102 | (US-20050148901-\$ or US-20030069522-\$ or US-20030069521-\$ or US-20030060731-\$ or US-20030023190-\$ or US-20020045885-\$ or US-20020019599-\$ or US-20010009980-\$ or US-20010003146-\$ or US-20050054951-\$ or US-20050075582-\$ or US-20050054950-\$ or US-20040059258-\$ or US-20040039304-\$ or US-20030097080-\$ or US-   | US-PGPUB; USPAT; USOCR; DERWENT                          | OR | ON | 2008/05/16 10:56 |

20030060757-\$ or US-  
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20040167439-\$ or US-  
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(US-20040167436-\$ or US-  
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20020072730-\$ or US-  
20020072712-\$ or US-  
20020049385-\$).did. or  
(US-6849224-\$ or US-  
5379779-\$ or US-5107852-  
\$ or US-6726681-\$ or US-  
6306153-\$ or US-6451050-  
\$ or US-6203485-\$ or US-  
6613002-\$ or US-6612998-  
\$ or US-5984878-\$ or US-  
5833631-\$ or US-5749837-  
\$ or US-6494847-\$ or US-  
5636642-\$ or US-5517989-  
\$ or US-5443907-\$ or US-  
5882333-\$ or US-5368048-  
\$ or US-5267574-\$ or US-  
5546958-\$ or US-5433200-  
\$ or US-5395328-\$ or US-  
5415178-\$ or US-6296616-  
\$ or US-5313967-\$ or US-  
6231597-\$).did. or (US-  
6152912-\$ or US-6053903-  
\$ or US-5371753-\$ or US-  
5372144-\$ or US-6056702-  
\$ or US-6071281-\$ or US-  
5222949-\$ or US-5452726-  
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6811958-\$ or US-5084022-  
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7182735-\$ or US-6373024-  
\$ or US-6061595-\$ or US-  
6805281-\$ or US-6293594-  
\$ or US-6141593-\$ or US-  
6084179-\$ or US-5869804-  
\$ or US-5746616-\$).did.  
or (US-5728149-\$ or US-  
5676694-\$ or US-5649974-  
\$ or US-5571146-\$ or US-  
5522875-\$ or US-7105018-  
\$ or US-7031777-\$ or US-  
7001369-\$ or US-6991626-

|     |     |   |   |    |    |                     |
|-----|-----|---|---|----|----|---------------------|
|     |     | \$ or US-6974416-\$ or US-6961621-\$ or US-6500203-\$ or US-5700286-\$ or US-5606981-\$.did. or (US-3543805-\$.did. or (US-5333620-\$ or EP-519604-\$ or WO-9524237-A-\$.did.   |   |    |    |                     |
| S64 | 133 | (S62 S63)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/16<br>10:56 |
| S65 | 123 | (S62 S63) and<br>@ad< "20030905"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/05/16<br>10:56 |
| S66 | 49  | ("20010009980"  <br>"20020049392"  <br>"20030018318"  <br>"20030149465"  <br>"20040167442"  <br>"3174851"   "3351463"  <br>"3753700"   "3789841"  <br>"4538622"   "4554929"  <br>"4619274"   "4721117"  <br>"4763647"   "4846186"  <br>"4955862"   "4966163"  <br>"4714815"   "5129890"  <br>"5188621"   "5238004"  <br>"5267574"   "5313967"  <br>"5372144"   "5406960"  <br>"5415178"   "5429139"  <br>"5497783"   "5606979"  <br>"5772609"   "5797856"  <br>"5830155"   "5222949"  <br>"5606981"   "5882333"  <br>"5931830"   "6022343"  <br>"6027863"   "6061595"  <br>"6152912"   "6312458"  <br>"6373024"   "6402706"  <br>"6544197"   "6849224"  <br>"7074197"   "7182735").<br>DID. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; IBM_TDB                | OR | ON | 2008/07/02<br>10:41 |
| S67 | 7   | "7303533".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/01/08<br>12:31 |

|     |    |   |                           |    |    |                     |
|-----|----|---|---------------------------|----|----|---------------------|
| S68 | 42 | ("20010000041"  <br>"20010012924"  <br>"20020032391"  <br>"20030013985"  <br>"20030088210"  <br>"20030130712"  <br>"3773034"   "4906230"  <br>"4909787"   "4964409"  <br>"5061273"   "5167239"  <br>"5201754"   "5344402"  <br>"5410797"   "5498239"  <br>"5505699"   "5569197"  <br>"5619993"   "5664580"  <br>"5741429"   "5807249"  <br>"5833632"   "5951482"  <br>"5997487"   "6013072"  <br>"6027462"   "6048349"  <br>"6059739"   "6063093"  <br>"6123698"   "6146338"  <br>"6165123"   "6217527"  <br>"6221049"   "6231546"  <br>"6235000"   "6235007"  <br>"6375628"   "6394976"  <br>"6406442"   "6463313").<br>PN. OR ("7303533").<br>URPN. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/09/24<br>10:01 |
|-----|----|---|---------------------------|----|----|---------------------|

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